## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10594437"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 11:28
S2	14	"200400291"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 13:57
S3	0	"200400291"	JPO	OR	ON	2009/11/22 13:58
S4	0	"2005800098507"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 13:59
S5	4	"2002212602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 14:37
S6	6	"2004002911"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 14:38
S7	1	"10594437"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 15:19
S8	1	S7 and polycrystal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 15:20
S9	206	428/692.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:56
S10	60	428/693.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:56
S11	10519488	"1,2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:56
S12	246	S9 S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:57

S13	67	S12 and rare adj earth	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:57
S14	100	S12 and (rare adj earth, permanent adj magnet, Nd near4 Fe near4 B)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 19:58
S15	14	S14 and (oxy\$1nitride, oxygen near4 nitrogen, nitride) with (coating, protect\$3, layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:00
S16	0	S12 and ((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:01
S17	338	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride)).ab	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:01
S18	5	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride) near6 protect\$3).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:02
S19	73	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride) near6 (overcoat, film, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:03
S20	1	(US-20030183885-\$).did.	US-PGPUB	OR	ON	2009/11/22 20:05
S21	1	S20 and ((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride) near6 (overcoat, film, layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:05
S22	0	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride, oxygen near4 nitrogen) near6 (overcoat, film, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:16
S23	80	S17 and rare adj earth.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:18
S24	0	S23 and (phenolic, epoxy, melamine, xylene) with (film layer coat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:22
S25	15	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride) same protective).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/22 20:27

S26	15	((rare adj earth, permanent adj magnet, Nd near4 Fe near4 B) same (oxy\$1nitride) same protective).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/23 07:01
S27	1	(US-20030030038-\$).did.	US-PGPUB	OR	ON	2009/11/23 07:08
S28	1	\$27 and oxynitride	US-PGPUB	OR	ON	2009/11/23 07:08
S29	335	oxynitride with rare adj earth	US-PGPUB	OR	ON	2009/11/23 07:11
S30	16	S29 and rare adj earth.ti.	US-PGPUB	OR	ON	2009/11/23 07:11
S31	6	S29 and permanent adj magnet	US-PGPUB	OR	ON	2009/11/23 07:12
S32	2	S29 and rare adj earth with magnet	US-PGPUB	OR	ON	2009/11/23 07:14
S33	2	oxynitride with rare adj earth same magnet	US-PGPUB	OR	ON	2009/11/23 07:15
S34	23	oxynitride and (rare adj earth same magnet)	US-PGPUB	OR	ON	2009/11/23 07:15
S35	4216	(rare adj earth same magnet)	US-PGPUB	OR	ON	2009/11/23 07:18
<b>S</b> 36	1136990	(rare adj earth same magnet) and protective with oxide near S27 (aluminum, tantalum, zirconium, hafnium, niobium, silicon, titanium, magnesium, chromium, nickel, barium, molybdenum, vanadium, tungsten, zinc, strontium, iron, bismuth, boron, calcium, gallium, germanium, lanthanum, lead, indium)	US-PGPUB	OR	ON	2009/11/23 07:19
<b>S</b> 37	1136990	S35 and (rare adj earth same magnet) and protective with oxide near S27 (aluminum, tantalum, zirconium, hafnium, niobium, silicon, titanium, magnesium, chromium, nickel, barium, molybdenum, vanadium, tungsten, zinc, strontium, iron, bismuth, boron, calcium, gallium, germanium, lanthanum, lead, indium)	US-PGPUB	OR	OO	2009/11/23 07:19

S38	3645	S35 and ((rare adj earth same magnet) and protective with oxide near S27 (aluminum, tantalum, zirconium, hafnium, niobium, silicon, titanium, magnesium, chromium, nickel, barium, molybdenum, vanadium, tungsten, zinc, strontium, iron, bismuth, boron, calcium, gallium, germanium, lanthanum, lead, indium))	US-PGPUB	OR	ON	2009/11/23
S39	225	S38 and rare adj earth.ti.	US-PGPUB	OR	ON	2009/11/23 07:20
S40	52	\$39 and ((rare adj earth same magnet) and protective with oxide near \$27 (aluminum, tantalum, zirconium, hafnium, niobium, silicon, titanium, magnesium, chromium, nickel, barium, molybdenum, vanadium, tungsten, zinc, strontium, iron, bismuth, boron, calcium, gallium, germanium, lanthanum, lead, indium)).ab.	US-PGPUB	OR	ON	2009/11/23
S41	0	S40 and protective with oxide	US-PGPUB	OR	ON	2009/11/23 07:21
S42	21	S38 and protective with oxide	US-PGPUB	OR	ON	2009/11/23 07:22
S43	3	S38 and rare adj earth same protective with oxide	US-PGPUB	OR	ON	2009/11/23 07:23
S44	7	(rare adj earth same protective with oxide).ab.	US-PGPUB	OR	ON	2009/11/23 07:26
S45	121	(rare adj earth same protective with oxide)	US-PGPUB	OR	ON	2009/11/23 07:26
S46	2	(rare adj earth adj magnet same protective with oxide)	US-PGPUB	OR	ON	2009/11/23 07:26
S47	0	(rare adj earth adj magnet same protective with oxynitride)	US-PGPUB	OR	ON	2009/11/23 07:27
S48	2	(rare adj earth adj magnet and protective same oxynitride)	US-PGPUB	OR	ON	2009/11/23 07:27

S49	6	(rare adj earth adj magnet and protective same oxynitride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:28
S50	120939	(rare\$1earth\$1 (rare adjearth) Y! yttrium Pr! Nd! Gd! Dy! Tb! Ho! Er! Praseodymium Neodymium Sm! Samarium Europium Gadolinium Terbium Dysprosium Holmium Erbium Th! Thulium Yb! Ytterbium) same magnet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:29
S51	6	S50 and protective with oxynitride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:30
S52	6	S50 and protective with oxy\$1 nitride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:35
S53	3	rare adj earth adj magnet same oxy\$1nitride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:36
S54	14	rare adj earth adj magnet same protective with (oxide, nitride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 07:39
S55	12	rare adj earth adj magnet same protective with (oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 08:18

S56	161	(rare\$1earth\$1 (rare adjearth) Y! yttrium Pr! Nd! Gd! Dy! Tb! Ho! Er! Praseodymium Neodymium Sm! Samarium Europium Gadolinium Terbium Dysprosium Holmium Erbium Th! Thulium Yb! Ytterbium) same magnet and protective with oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 08:23
S57	119	((rare\$1earth\$1 (rare adjearth) Y! yttrium Pr! Nd! Gd! Dy! Tb! Ho! Er! Praseodymium Neodymium Sm! Samarium Europium Gadolinium Terbium Dysprosium Holmium Erbium Th! Thulium Yb! Ytterbium) with magnet and (protective with oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 08:23
S58	555	S57 not powder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 08:26
S59	23	\$58 and oxide same nitride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/23 08:28
S60	2	"2003179818"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/23 09:52
S61	2	"2003178918"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/23 09:53
S62	4	"2000034503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/23 09:54
S63	1	"10594437"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 15:24
S64	9145	rare adj earth adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 17:01
S65	23683	rare adj earth with magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 17:01

S66	366	S65 and passivat\$3 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 17:03
S67	160	S66 and amorphous same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 17:03
S68	20	S67 and (zirconium, magnanese, molybdenum, zinc, zr, mn, mo, zn) with (solution, layer, film, treatment, fluid\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/28 17:06
S69	23683	rare adj earth with magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 15:43
S70	366	S69 and passivat\$3 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 15:43
S71	160	S70 and amorphous same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 15:43
S72	9	S70 and amorphous same layer same crystalline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 15:44
S73	1	"10594437"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 16:20
S74	0	S73 and amorphous with crystalline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 16:20
S75	1	S73 and amorphous with crystal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/29 16:20

## **EAST Search History (Interference)**

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